logo



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NTDB id 1186 GTF74 RS01320 WP 000788426.1     ..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI    76
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI    76
NTDB id 1408 DSB67 RS13980 WP 010643500.1     MKMRHGLTLTPRKLTGLFSLWFSLLLAP...FVAAEEVQSNSLKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSI    77
NTDB id 1347 HI 0435 AAC22094.1               ............................................................................................     0
NTDB id 1373 NTHI RS02645 WP 011272046.1      ............................................................................................     0
NTDB id 1465 ASU2 RS06170 WP 014991934.1      ............................................................................................     0
NTDB id 1381 A4U84 RS02010 WP 021113424.1     ............................................................................................     0
consensus
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NTDB id 1186 GTF74 RS01320 WP 000788426.1     ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKPKPKSVLEKEG   156
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKPKPKSVLEKEG   156
NTDB id 1408 DSB67 RS13980 WP 010643500.1     DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDYSHDYRLTGRYLEVKVGKLKANEKAPDKSILDKEG   157
NTDB id 1347 HI 0435 AAC22094.1               ..........................................MKKYFLKCGYFLVCFCLPLIVFA.....NPKTDN    29
NTDB id 1373 NTHI RS02645 WP 011272046.1      ..........................................MKKYFLKCGYFLVCFCLPLIVFA.....NPKTDN    29
NTDB id 1465 ASU2 RS06170 WP 014991934.1      ..................................................MKRMILLLFFI.....LPPVIA    17
NTDB id 1381 A4U84 RS02010 WP 021113424.1     ..................................................MRYLFLLFFAT.....FPVLAN    17
consensus                                                                                         * **  *  *    **          **  **
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NTDB id 1186 GTF74 RS01320 WP 000788426.1     KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLRE   236
NTDB id 1175 A1552VC RS12105 WP 000788426.1   KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLRE   236
NTDB id 1408 DSB67 RS13980 WP 010643500.1     KLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLRE   237
NTDB id 1347 HI 0435 AAC22094.1               ERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILENKISLKLNNIDMPRLLQIIAKSKHLTLNKDDGIYYLNGSQS....G   105
NTDB id 1373 NTHI RS02645 WP 011272046.1      ECFFIRLSQAPLAQTLEQLAFQQDVNLVMGERLEGNISLKLNNIDMPRLLKIIAKSKHLTLNKDDGVYYLNGSQS....G   105
NTDB id 1465 ASU2 RS06170 WP 014991934.1      HAFSISLKNAPTAKILSYLAEEHGKNIVLSDNIETNTTLRIENSNFDSVLKSITRANKLTSAYENQIYFIGHKKD....D    93
NTDB id 1381 A4U84 RS02010 WP 021113424.1     QQISLSIRNAPTAEIISYLAEETGKNITISDEIKDTKNFRVEKSHFDEILNSLIKTHQLNLKKENGIYYIHQAQE....H    93
consensus                                       ***  *  **!*****  *!*  **  !***** ********** *  *  *! **** *  !  *  *  ****** *  *    *
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NTDB id 1186 GTF74 RS01320 WP 000788426.1     KQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI   316
NTDB id 1175 A1552VC RS12105 WP 000788426.1   KQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI   316
NTDB id 1408 DSB67 RS13980 WP 010643500.1     KQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMINGEGNISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDI   317
NTDB id 1347 HI 0435 AAC22094.1               KGQV.AGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRSVQNIKKLIAEMDK   183
NTDB id 1373 NTHI RS02645 WP 011272046.1      KGQV.AGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIKKLIAEMDK   183
NTDB id 1465 ASU2 RS06170 WP 014991934.1      KDPNRGLNLELLKPKLITKTIKLDYAKAAEVIESLT.KGSGNFLSENGYLHFDDRSNSLIIKDSPESMKNIVKLIRNLDR   172
NTDB id 1381 A4U84 RS02010 WP 021113424.1     KQHT.TAQLVNALPKLITKTIKLHYSKASEVIESLT.KGQGNLLSESGYLHFDDRSNSIIVKDSAASVKNFTQLIESLDK   171
consensus                                     !* *   **!    **  !** **!* **!!***** ***   !****!!* !****!*!*!*!******* ** *  *** *!***!*
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  PVKQVQIEARIVTVKEGNLEELGVRWGVMSTN.GSHSVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTSA  387
NTDB id 1175 A1552VC RS12105 WP 000788426.1  PVKQVQIEARIVTVKEGNLEELGVRWGVMSTN.GSHSVGGSIESNLWQKGLLAD.....DEFPVDEFLNVNLASTSA  387
NTDB id 1408 DSB67 RS13980 WP 010643500.1  PVKQVQIEARIVTINEGNMDELGVRWGFTSIN.GSHTVGGSIENNLATIGLYDGGGEGDDGGSSVGIDDFLNVNLAATSP  396
NTDB id 1347 HI 0435 AAC22094.1  PIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGNSF.....................ENIADNLNVNFATTTT  246
NTDB id 1373 NTHI RS02645 WP 011272046.1  PIEQIAIEARIVTITDESLKELGVRWGIFNPTENARRVAGSLTGNSF.....................ENIADNLNVNFATTTT  246
NTDB id 1465 ASU2 RS06170 WP 014991934.1  PTEQIAIEARIVTISSENLQELGVRWGMFSPANGHHKIAGSLEANGL.....................PNT.NHLNVNFP..VN  232
NTDB id 1381 A4U84 RS02010 WP 021113424.1  PTEQIAIEARIVTISSEHLQQLGVRWGLFSPNENHYKLAGNLEGNGL.....................T.T.NNLNVNFP..VN  230
consensus                                  !**!**!!!!!!!****** *!!!!!!***** * ****!****! *                    * * !!!!*****
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  NASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLKV  466
NTDB id 1175 A1552VC RS12105 WP 000788426.1  NASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSS.GASTVAFKKAVLSLKV  466
NTDB id 1408 DSB67 RS13980 WP 010643500.1  NATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSS.GATSVTFKKAVLSLKV  475
NTDB id 1347 HI 0435 AAC22094.1  PAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLEV  325
NTDB id 1373 NTHI RS02645 WP 011272046.1  PAGSIALQVAKIN.GRLLDLELSALERENNVEIIASPRLLTTNKKSASIKQGTEIPYIVSNTRNDTQSVEFREAVLGLEV  325
NTDB id 1465 ASU2 RS06170 WP 014991934.1  NAASLALQVAKIN.GRVLDLELTALEQENDVEIIASPRLLTTNKKPASIKQGTEIPYVLYNRKDEVKNIEFKEAVLGLQV  311
NTDB id 1381 A4U84 RS02010 WP 021113424.1  PSASVALQIAAIN.SRVLDLELTALESENNIEIIASPRLLTTDKKTASIKQGTEIPYAMYSKKEEITDIEFREAVLGLEV  309
consensus                                  ***!*!*!*!*** ***!!!!!*!!**!* *!!!*!!!!*!!*!**!*!*!!!!!!!****** * ****!**!!!*! !
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  TPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLGA  546
NTDB id 1175 A1552VC RS12105 WP 000788426.1  TPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLGA  546
NTDB id 1408 DSB67 RS13980 WP 010643500.1  TPQITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLLGDLPLLGA  555
NTDB id 1347 HI 0435 AAC22094.1  TPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIKR  405
NTDB id 1373 NTHI RS02645 WP 011272046.1  TPHISKDNNILLDLLVSQNSPGSRVAYGQNEVVSIDKQEINTQVFAKDGETIVLGGVFHDTITKSEDKVPLLGDIPVIKR  405
NTDB id 1465 ASU2 RS06170 WP 014991934.1  TPHISNDNQILLDLVVTQNSPNSTSST.VHGLVTIDKQELNTQVFAQHGETIVLGGIFQHLTAKGEDRVPILGSIPVLKK  390
NTDB id 1381 A4U84 RS02010 WP 021113424.1  TPHISKQNQILLDLAISQNSPNNQI...NNTMVTIDKQEIKTQVLAKHGETIVLGGIFQHLIAKGEDKVPLLGSIPVIKR  386
consensus                                  !!*!* *!***!!! **!**** * ** **!*!!*!** !!!*** !!!*!!!!*!**** ***!*!!*!!**!****
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NTDB id 1186 GTF74 RS01320 WP 000788426.1  LFRRTYEQMGKSELLIFVTPKVVIQ.................  571
NTDB id 1175 A1552VC RS12105 WP 000788426.1  LFRRTYEQMGKSELLIFVTPKVVIQ.................  571
NTDB id 1408 DSB67 RS13980 WP 010643500.1  LFRRSYENVGKSELLIFVTPKVVIQ.................  580
NTDB id 1347 HI 0435 AAC22094.1  LFSKESERHQKRELVIFVTPHILKAGETLEALKQKSEGKK..  445
NTDB id 1373 NTHI RS02645 WP 011272046.1  LFSKESERHQKRELVIFVTPHILKAGETLEALKQKSAGKK..  445
NTDB id 1465 ASU2 RS06170 WP 014991934.1  LFSHSSDRISKRELVIFVTPYIIKSEKQQISS.HSLQKLPPK  431
NTDB id 1381 A4U84 RS02010 WP 021113424.1  LFSQSQDKISKRELVIFVTPYIVKSEKIGAEK.QK.......  420
consensus                                  !!*** *** !*!!*!!!!! ***
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X non conserved
X similar
X ≥ 50% conserved